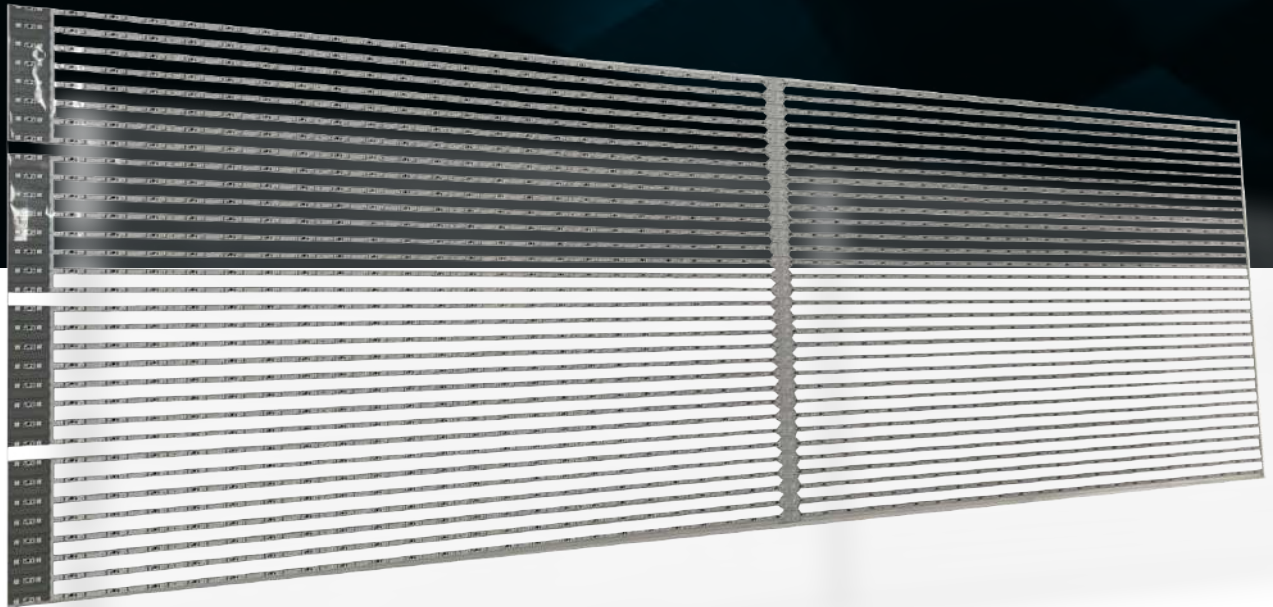




KHALX

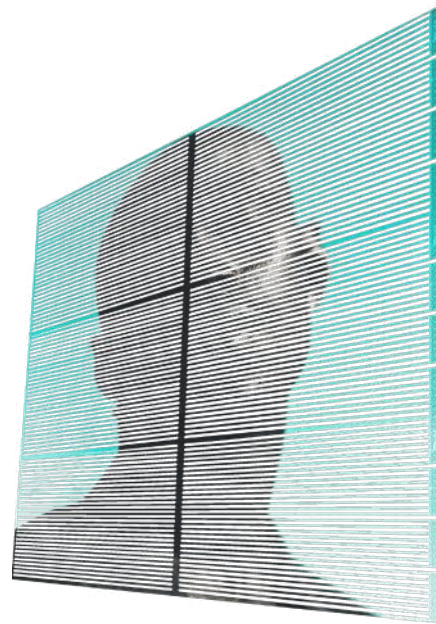
INDOOR TRANSPARENT ADHESIVE LED FILM





OVERVIEW

The KHALX transparent LED film is a revolution in display technology. It's made of self-adhesive material which can be stuck to an existing glass surface. Depending on the pixel pitch of your choice, its transparency can go up to 95%. Once turned on, the glass surface or window to which it is attached will become full of vivid colors.



APPLICATION
Indoor



BRIGHTNESS
≤ 5000 NITS (LED TYPE SMD)



INGRESS PROTECTION
IP41 (front) / IP40 (back)



WEIGHT
1 - 0.52 kg/cabinet



PIXEL PITCH
P6.5 P10



MATERIAL
Adhesive film



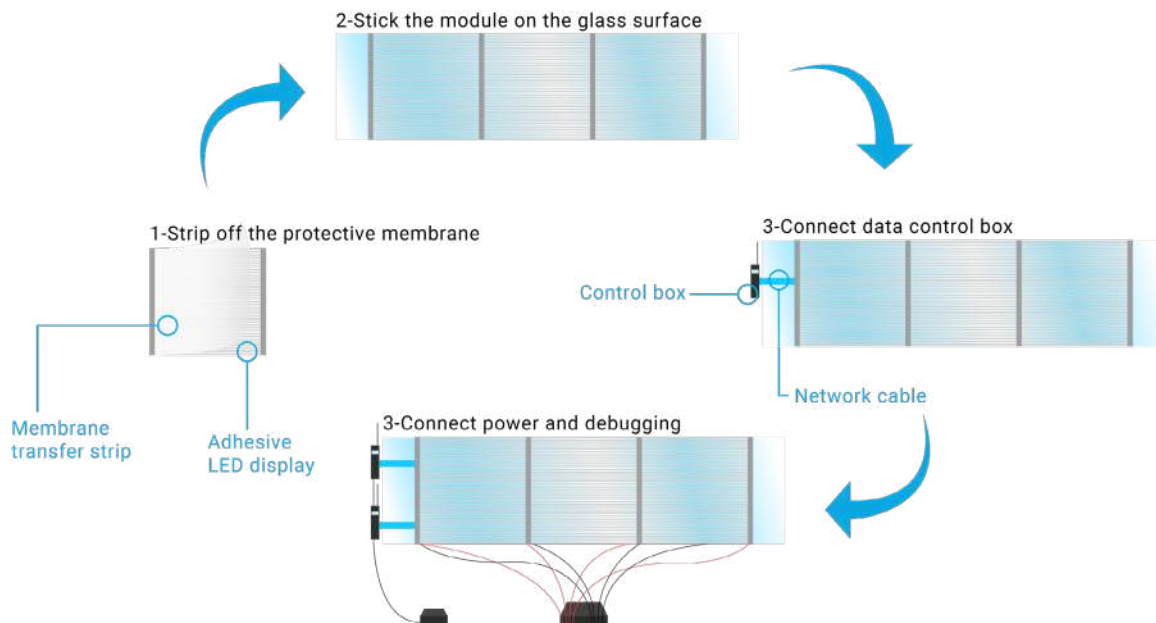
DISPLAY AREA (W x H)
481 x 208 mm (P6.5)
480 x 320 mm (P10)



MAINTENANCE
Back maintenance



FEATURES



EASY INTEGRATION

Extremely light and thin, the KHALX can be integrated on any glass surface for countless indoor applications. Being adhesive, its integration is one of the

easiest of all LED applications. These features make this process both cost effective and quick.



FROM 52% TO 95%
TRANSPARENCY WHEN ON



TRANSPARENT WHEN
OFF



INTEGRATED
CONNECTORS

HIGH TRANSPARENCY

Even though the KHALX displays vivid colors, it is very transparent. When turned off, it is barely noticeable and you can clearly see through the glass surface it's placed on. Here are the different transparency rates of the KHALX when it's on :

- p6.5 - 52%
- P10 - 68%



MODULABLE LED ADHESIVE FILM

The size and layout of the KHALX is modifiable and completely customizable depending on your glass surface. It can be expanded or shortened by adding or trimming the LED film in a vertical or horizontal direction.



TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR	
		P6.5	P10
Pixel Pitch	mm	6,50	10,00
LED		SMD1010	SMD1010
Application		Transparent adhesive LED display	
Ingress Protection	IP	IP41 (front) / IP40 (back)	
Brightness	cd/sqm	≤ 5000 Nits @5volts	
Color Temperature after calib (adjustable)	deg. K	2000 - 15000 Adjustable	
Viewing Angle (50% brightness)	deg.	160 H / 160 V	
Cabinet Size (WxHxD)	mm	481 x 208 x 3	480 x 320 x 3
Display area (WxH)	mm	481 x 208	480 x 320
Module Size (WxHxD)	mm	481 x 208 x 3	480 x 320 x 3
Pixel Matrix Per Cabinet (WxH)	px	74 x 32	48 x 32
Pixel Matrix Per Module (WxH)	px	74 x 32	48 x 32
Pixel Density	px/sqm	23669	10000
Weight of cabinet	kg	1	0,52
Cabinet Material		Adhesive film	
Maintenance Mode		Back	
Mask specification		No mask	
Contrast Ratio		High	
Grey scale (linear)	bit	16	
Brightness control	bit	16	
Processing depth	bit	16	
Color		281 Trillions	
Display Refresh Rate	Hz	3840	
Operation Power	V	DC4.2 - 5V	
Max. Power Consumption	W/sqm	750	
Average Power Consumption	W/sqm	250	
Control Mode		Synchronization	
Video Frame Rate	Hz	50/60Hz	
Input Types Supported		DVI / SDI / HDMI	
3D ready (optional)		No	
Calibration		Yes	
Lifetime (50% brightness)	h	100000	
Operating Humidity Range		10-90%	
Operating Temperature Range		-20°C / +55°C	
Certification		FCC / CE / ETL / CCC / CB	
Available options		-	
Compatibility		No	



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CONTACT


The Artixium regional branches are the key for the growth and development of our global network all over the world. Artixium's team is a spectrum of different nationalities and cultures, reflecting their global presence and mindset, mak-

ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.


ARTIXIUM FRANCHISES

"From your project's conception to its completion."




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Since its creation in 2012 by two european entrepreneurs, Artixium has been evolving and always looking for innovative ways to contribute to the digital transition of our world. It only took a few years for Artixium to become a key player in the LED display industry.

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